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| <b>Issue Classification</b><br> | <b>Application/Control No.</b><br>10/751,729 | <b>Applicant(s)/Patent under Reexamination</b><br>HWANG ET AL. |
|  | <b>Examiner</b><br>Thomas D. Alunkal         | <b>Art Unit</b><br>2627  |

| ISSUE CLASSIFICATION                                     |                                   |          |       |       |   |    |   |   |                          |  |  |   |
|--|-----------------------------------|----------|-------|-------|---|----|---|---|--------------------------|--|--|---|
| ORIGINAL   |                                   |          |       |       | INTERNATIONAL CLASSIFICATION  |    |   |   |                          |  |  |   |
| CLASS  |                                   | SUBCLASS |       |       | CLAIMED   |    |   |   | NON-CLAIMED              |  |  |   |
| 369  |                                   | 53.17    |       |       | G   | 11 | B | 7 | /00                      |  |  | / |
| CROSS REFERENCES   |                                   |          |       |       |   |    |   |   | /                        |  |  | / |
| CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK) |          |       |       |   |    |   |   | /                        |  |  | / |
| 369  | 47.14                             | 30.21    | 30.24 | 275.3 |   |    |   |   | /                        |  |  | / |
| 714  | 48                                |          |       |       |   |    |   |   | /                        |  |  | / |
|  |                                   |          |       |       |   |    |   |   | /                        |  |  | / |
|  |                                   |          |       |       |   |    |   |   | /                        |  |  | / |
|  |                                   |          |       |       |   |    |   |   | /                        |  |  | / |
|  |                                   |          |       |       |   |    |   |   | /                        |  |  | / |
| Thomas Alunkal 9/28/07<br>(Assistant Examiner) (Date)    |                                   |          |       |       | WAYNE YOUNG<br>SUPERVISORY PATENT EXAMINER<br>(Primary Examiner) 9/29/07 (Date) |    |   |   | Total Claims Allowed: 52 |  |  |   |
| [Signature] 10/07<br>(Legal Instruments Examiner) (Date) |                                   |          |       |       | O.G.<br>Print Claim(s)<br>1   |    |   |   | O.G.<br>Print Fig.<br>3  |  |  |   |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          |  |       |          |  | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |       | <input type="checkbox"/> R.1.47 |  |
|---|----------|--|-------|----------|--|-------|----------|--|-------|----------|--|------------------------------|----------|-------------------------------|-------|---------------------------------|--|
| Final   | Original |  | Final | Original |  | Final | Original |  | Final | Original |  | Final                        | Original |                               | Final | Original                        |  |
|   | 1        |  |       | 31       |  |       | 61       |  |       | 91       |  |                              | 121      |                               |       | 151                             |  |
|   | 2        |  |       | 32       |  |       | 62       |  |       | 92       |  |                              | 122      |                               |       | 152                             |  |
|   | 3        |  |       | 33       |  |       | 63       |  |       | 93       |  |                              | 123      |                               |       | 153                             |  |
|   | 4        |  |       | 34       |  |       | 64       |  |       | 94       |  |                              | 124      |                               |       | 154                             |  |
|   | 5        |  |       | 35       |  |       | 65       |  |       | 95       |  |                              | 125      |                               |       | 155                             |  |
|   | 6        |  |       | 36       |  |       | 66       |  |       | 96       |  |                              | 126      |                               |       | 156                             |  |
|   | 7        |  |       | 37       |  |       | 67       |  |       | 97       |  |                              | 127      |                               |       | 157                             |  |
|   | 8        |  |       | 38       |  |       | 68       |  |       | 98       |  |                              | 128      |                               |       | 158                             |  |
|   | 9        |  |       | 39       |  |       | 69       |  |       | 99       |  |                              | 129      |                               |       | 159                             |  |
|   | 10       |  |       | 40       |  |       | 70       |  |       | 100      |  |                              | 130      |                               |       | 160                             |  |
|   | 11       |  |       | 41       |  |       | 71       |  |       | 101      |  |                              | 131      |                               |       | 161                             |  |
|   | 12       |  |       | 42       |  |       | 72       |  |       | 102      |  |                              | 132      |                               |       | 162                             |  |
|   | 13       |  |       | 43       |  |       | 73       |  |       | 103      |  |                              | 133      |                               |       | 163                             |  |
|   | 14       |  |       | 44       |  |       | 74       |  |       | 104      |  |                              | 134      |                               |       | 164                             |  |
|   | 15       |  |       | 45       |  |       | 75       |  |       | 105      |  |                              | 135      |                               |       | 165                             |  |
|   | 16       |  |       | 46       |  |       | 76       |  |       | 106      |  |                              | 136      |                               |       | 166                             |  |
|   | 17       |  |       | 47       |  |       | 77       |  |       | 107      |  |                              | 137      |                               |       | 167                             |  |
|   | 18       |  |       | 48       |  |       | 78       |  |       | 108      |  |                              | 138      |                               |       | 168                             |  |
|   | 19       |  |       | 49       |  |       | 79       |  |       | 109      |  |                              | 139      |                               |       | 169                             |  |
|   | 20       |  |       | 50       |  |       | 80       |  |       | 110      |  |                              | 140      |                               |       | 170                             |  |
|   | 21       |  |       | 51       |  |       | 81       |  |       | 111      |  |                              | 141      |                               |       | 171                             |  |
|   | 22       |  |       | 52       |  |       | 82       |  |       | 112      |  |                              | 142      |                               |       | 172                             |  |
|   | 23       |  |       | 53       |  |       | 83       |  |       | 113      |  |                              | 143      |                               |       | 173                             |  |
|   | 24       |  |       | 54       |  |       | 84       |  |       | 114      |  |                              | 144      |                               |       | 174                             |  |
|   | 25       |  |       | 55       |  |       | 85       |  |       | 115      |  |                              | 145      |                               |       | 175                             |  |
|   | 26       |  |       | 56       |  |       | 86       |  |       | 116      |  |                              | 146      |                               |       | 176                             |  |
|   | 27       |  |       | 57       |  |       | 87       |  |       | 117      |  |                              | 147      |                               |       | 177                             |  |
|   | 28       |  |       | 58       |  |       | 88       |  |       | 118      |  |                              | 148      |                               |       | 178                             |  |
|   | 29       |  |       | 59       |  |       | 89       |  |       | 119      |  |                              | 149      |                               |       | 179                             |  |
|   | 30       |  |       | 60       |  |       | 90       |  |       | 120      |  |                              | 150      |                               |       | 180                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 181                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 182                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 183                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 184                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 185                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 186                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 187                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 188                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 189                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 190                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 191                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 192                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 193                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 194                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 195                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 196                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 197                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 198                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 199                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 200                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 201                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 202                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 203                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 204                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 205                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 206                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 207                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 208                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 209                             |  |
|   |          |  |       |          |  |       |          |  |       |          |  |                              |          |                               |       | 210                             |  |